PhotoTAG system benefits include:

RailBAM and WCM adaptable

Alpha/numeric recognition

Hyperlinked to rail databases

Day/night view

High-speed operation

Mixed traffic environment

Virtual tagging of railway fleets

Optical Character Recognition

Operates during low visibility

Short headway processing times

Anti vandalism mounting

Line speed operation <160km/h

Low power usage

24v DC, 110/220/240v AC

PhotoTAG
Virtual Tagging System

PhotoTAG uses a wayside mounted, high speed camera to capture vehicle identification nomenclature during pass-by. This system eliminates the requirement for RFID vehicle tagging in order to recognise rail traffic for the purpose of building train consists, advanced vehicle defect observation and/or weigh in motion measurement.

Track IQ® have specifically developed and field trialled the PhotoTAG system to facilitate rapid introduction of Wayside Detectors into environments where RFID vehicle tagging is not available or where vehicle IDs are required to be checked prior to removal from service for maintenance.

Adaptable to both the RailBAM® and WCM® databases and other industry systems PhotoTAG ensures that alerts for defects are immediately associated with the appropriate vehicle.

Suitable for environmental extremes and night/day applications, the system enhances railway safety and maintenance regimes.